DEC40
Global Digital Economy Cities Alliance

Digital Empowers Cities
Cooperation Creates the Future

Global Digital Economy Cities Alliance Monthly



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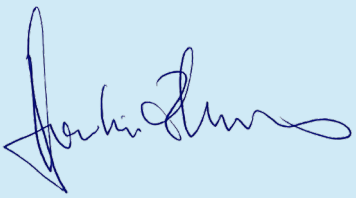
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Zhao Houlin

Global Digital Economy Cities AllianceHonorary ChairmanFormer Secretary-General of theInternational Telecommunication Union



Today, the first issue of our alliance's monthly magazine has been officially launched. As the honorary chairman, I am delighted to see that we now have a dedicated platform for communication among all members.

The development of the digital economy relies on the collaborative efforts of diverse stakeholders. Cities provide the venues for development, various institutions offer specialized support, and a wide array of enterprises unleash their innovative potential. This alliance brings together diverse partners—including cities, institutions, and enterprises—to establish a platform for information sharing, experience exchange, and joint cooperation. This monthly journal serves as both an intellectual forum and a communication bridge for all our members.

As the digital wave advances relentlessly, three key areas—urban digital transformation, institutional collaborative innovation, and corporate technological practice—are becoming closely intertwined. We look forward to leveraging this publication to enable member organizations to actively share practical case studies, exchange cutting-edge insights, build consensus, and engage in mutual learning. Guided by principles of openness and inclusivity, we will continue to deepen cross-organizational collaboration, jointly exploring viable pathways through which the digital economy can empower cities to achieve high-quality and sustainable development.

May this monthly journal serve as a bridge to amplify voices and connect partners; may the alliance progress steadily and achieve lasting success; and may this publication continue to thrive and flourish!



Francis Gurry
Chair, Global Alliance of Digital Economy Cities
Former Director-General, World Intellectual Property Organization (WIPO)
Co-Chair, Advisory Board of the UN SDGs & Leadership Development Center



On the occasion of the launch of the monthly journal of the Global Digital Economy Cities Alliance (DEC40), we extend our heartfelt congratulations to all partner cities, research institutions, and corporate colleagues.

Cities serve as the primary battleground for the implementation of digital innovation, while diverse institutions and market enterprises constitute indispensable participants in the innovation ecosystem. Digital transformation has never been a solitary endeavor by a single entity; rather, it requires coordinated efforts—where governments establish practical scenarios, research institutions provide intellectual insights, and enterprises contribute technical solutions—to continuously unleash the vitality of the digital economy. Intellectual property protection and innovation incentives form the cornerstone of sustaining this healthy ecosystem, safeguarding the rights and interests of creators while facilitating the flow and sharing of innovative achievements across cities.

Launching this alliance monthly journal represents a crucial step in establishing a regular platform for exchange. This publication will document the digital practices of our global partner cities, share cutting-edge insights from research institutions, showcase real-world implementation cases of corporate technologies, and compile best practices in areas such as artificial intelligence, smart cities, and data governance. It will serve as an open dialogue bridge, enabling diverse partner entities to exchange perspectives, learn from each other's experiences, build consensus, and undertake collaborative actions.

Collaborating for far-reaching impact, innovating without boundaries. We look forward to this monthly publication continuing to gather diverse insights, witnessing cities, institutions, and enterprises join forces to explore new avenues—transforming digital visions into tangible outcomes—and collectively advancing a global digital economy that is inclusive, trustworthy, and sustainable.



President's Perspective

Conveys top-level thinking and strategic judgment, providing directional guidance for member cities and enterprises

PRESIDENT'S PERSPECTIVE

Francis Gurry: Cities Must Choose to Step Toward a More Friendly Digital Future



On July 2, 2026, Francis Gurry, Director General of the Global Digital Economy Cities Alliance, released the Global Digital Economy Cities Report at the Opening Ceremony of the 2026 Global Digital Economy Conference. The full speech is as follows.

Digital technology has evolved beyond its previous role to become the operating system of cities. This can be regarded as a global movement, and it is also one of the original intentions for establishing the Global Digital Economy Cities Alliance. We hope that through this organization, we can guide cities around the world to seize digital opportunities, jointly address challenges, and explore pathways to sustainable development.

Cities are not merely venues for showcasing new technologies; they are key actors that determine how technologies are implemented and whom they serve. Every choice a city makes shapes its own future and exerts far-reaching influence that transcends borders, significantly steering the future direction of technology.

Meanwhile, we face multiple challenges. The digital divide between cities continues to widen; standards are highly fragmented, and inconsistent global standards have raised collaboration costs. On the one hand, we must uphold digital sovereignty; on the other, we advocate openness and cooperation. Balancing the two is often difficult, and countries and cities worldwide are grappling with this dilemma. We hope cities will no longer act in isolation, but collaborate through the Alliance to seek common governance frameworks, promote mutual

recognition of standards, and enable data interoperability.

The success of one city can indeed light the way for others. We need a common language to share these stories. Today, digital transformation no longer focuses solely on the superiority of technology itself, but shifts to putting technology at the service of people and putting people first. We no longer fixate on technical metrics such as internet speed, but aim to use technology to deliver public services and enhance convenience; to foster innovation, and to make cities safer and more resilient.

To this end, we have developed a capability assessment framework for cities, covering multiple dimensions including digital infrastructure, innovation resources, governance and services, low-carbon development, urban resilience, openness and connectivity, and digital inclusion. Through this framework, we hope to gain an in-depth understanding of digital technologies and the diverse needs of cities.

Looking ahead to 2030, cities worldwide face shared challenges: achieving inclusive development, ensuring security, building a digital-friendly environment, and safeguarding digital sovereignty. These challenges are intertwined, and some exceed the capacity of any single city acting alone.

We have also identified key variables that will shape future cities, including artificial intelligence, embodied intelligence, and the balance between demographic changes and digital sovereignty.

In the transition from smart cities to AI-friendly cities, we keep asking fundamental questions: Who is digitalization for? Who sets the rules? Where will digitalization take people and cities? To answer these questions, we must recognize the triple responsibilities of cities: to people, to rules, and to civilization.

As we envision the digital future, we must uphold civilization and remain people-centered. The digital economy is developing rapidly. Every city can leverage its strengths, and we share a common framework that binds us together. Our shared digital goals are not only to improve efficiency, but also to protect human dignity, strengthen urban resilience, distribute development opportunities more equitably, and promote global openness and cooperation. Cities must choose to step toward a more friendly digital future! Thank you very much for your attention.

PRESIDENT'S PERSPECTIVE

Zhao Houlin: Narrowing the digital divide and sharing China's digital experience with the world



On July 2, 2026, Zhao Houlin—Honorary Chairman of the Global Digital Economy Cities Alliance and former Secretary-General of the International Telecommunication Union—was interviewed during the 2026 Global Digital Economy Conference. The following is the verbatim transcript of the interview.

In recent years, China has vigorously advanced the construction of a Digital China, fostering new types of productive forces and achieving remarkable results. China has built the world's largest 5G network and fiber-optic broadband network, both of which are technologically leading; the average production efficiency of 5G-enabled factories has increased by over 15%; and a number of embodied intelligent robots have already been deployed in real industrial production lines.

Even more noteworthy is the forward-looking deployment of new-type infrastructure. Computing power networks have been incorporated, alongside water and power grids, into the "six critical networks" under national coordinated development; computing power is now becoming a universally accessible foundational resource, much like water and electricity. Beijing's total intelligent computing capacity has already reached 82,000 P, and this capacity is being made available for sharing among small and medium-sized enterprises as well as entrepreneurs, ensuring that even "one-person companies" can access these resources affordably.

The reference value of China's digital experience lies not in the superiority of any single technology, but in our consistent approach of treating networks

and computing power as public infrastructure—both in terms of construction and widespread adoption. This approach holds particular significance as a model for developing countries.

I would like to begin with a fundamental assessment: despite its rapid and vigorous development to date, artificial intelligence remains in its early stages of evolution, and it will by no means come to an end. In the future, it will still face new challenges and issues in areas such as technological pathways, standardization, regulatory frameworks, and ethical considerations—while also giving rise to new opportunities.

Despite its rapid and vigorous development, artificial intelligence is still in its early stages of evolution. It will not come to a halt.

From a commercial perspective, computing cost, scenario adaptability, and data availability are three indispensable factors. From a single chat conversation to an agent autonomously planning and completing a task, the computing resource consumption can increase by over a hundredfold; the supply-demand gap has thus become the most critical bottleneck for the development of artificial intelligence. Making computing resources more affordable, ensuring genuine compatibility between algorithms and hardware, and enabling compliant data flow are the key steps for large-scale models to evolve from being "usable" to being "user-friendly and affordable."

Leveraging its comprehensive innovation resources, complete industrial innovation chain, and well-established international exchange platforms, Beijing possesses full potential to emerge as a global innovation hub for the next generation of artificial intelligence. I propose the following three recommendations: first, to strategically prioritize research and development on novel architectures, cultivate a self-sufficient open-source technology ecosystem, and integrate domestically developed original solutions into global standard frameworks; second, to facilitate deep integration between algorithmic architectures and domestically produced computing hardware, ensuring that new architectures do not remain dependent on overseas foundational infrastructures; third, to capitalize on distinctive strengths—such as robotics and intelligent physical interaction—to progressively open up real-world scenario data and establish experimental environments for world models.

The faster technology advances, the more urgent it becomes to return to a fundamental question: Is technology merely a tool to serve people, or does it

now represent a new threshold that humans must adapt to? The concept of a "Digital Friendly City" proposed by Beijing addresses this very question.

The "four friendliness" principles—technology, development, scenarios, and openness—can be understood as follows: technology friendliness means that technology should be accessible, usable, and trustworthy; development friendliness means that digitalization should drive overall development rather than exacerbate inequality; scenario friendliness means that technology should be integrated into the real-world contexts of urban governance and the daily lives of citizens; and openness friendliness means that benefits should be shared through open cooperation. At the same time, it must be recognized that the international community still faces severe disparities in digital development, and Beijing urgently needs to build a paradigm of a "digital-friendly city" based on its existing strengths.

This year, the concept of "digital friendliness" has evolved from an idea to practical implementation. At the 2025 Global Digital Economy Conference, Beijing unveiled the "Global Digital Friendliness Initiative," which swiftly secured joint support from 52 countries; this year, the "Global Digital Friendly City Evaluation Guidelines," led by the United Nations Development Programme, were released worldwide, transforming "digital friendliness" from a concept into a concrete evaluation framework. Simultaneously, a national special action to enhance the digital service accessibility for foreign residents in key cities across the country was launched, implemented in six cities—including Beijing, Shanghai, and Shenzhen—to accelerate the resolution of bottlenecks in areas such as housing, healthcare, payments, tourism, and public services.

To transform Beijing's practices into a globally replicable paradigm, I propose four key initiatives: First, actively engage in international rule-making and cross-border data cooperation, collaborating with international organizations such as the WTO to jointly formulate rules for cross-border data flows and AI governance; second, take the lead in developing technical standards and security governance, securing a strategic position in shaping international standards for 6G and AI, and exporting "secure and controllable" Chinese solutions; third, build a global industrial collaboration ecosystem by organizing Beijing-based MaaS service providers to embark on "group overseas expansion" initiatives; fourth, advocate for technological ethics and digital inclusion, partnering with agencies like UNDP to support developing countries in bridging the digital divides in education and healthcare.

The International Telecommunication Union has set the goal that by

2030, every person should have access to the internet at an affordable price; however, this remains a formidable challenge. In 2026, nearly 2.2 billion people worldwide still lack internet access, making it difficult for them to benefit from the dividends of digital infrastructure and to enjoy adequate security guarantees. At the same time, digital technologies are exacerbating inequalities among nations, cities, urban and rural areas, and different population groups—a trend that cannot be allowed to persist unchecked.

I summarize this matter in two words— "Digital Lifeline." In a world that is increasingly dependent on uninterrupted connectivity, digital resilience has become a core, essential requirement for global development. China is willing to share its experience with other countries, promote the sharing of standards, technical cooperation, and mutual learning of best practices, thereby helping other countries and regions build and effectively utilize their own "Digital Lifelines."

The same applies to the realm of data. If different industries develop their own data in isolation, and if countries adopt a zero-sum approach—seeking to shift burdens onto neighboring countries while isolating themselves—then data development will stagnate. Engagement fosters understanding, and cooperation drives market growth.

The digital economy is no longer a solo performance by a single city. Together, we have launched the "South-South Digital Cooperation Corridor," transforming the blueprint of technology transfer and infrastructure connectivity into tangible outcomes that bridge the digital divide for cities in developing countries.

Today, we are sowing the seeds of digital cooperation in Beijing; tomorrow, those seeds will grow into towering trees that underpin sustainable development across cities worldwide.

For Chinese enterprises, going global is not merely a commercial endeavor; it also entails assuming the responsibility of promoting inclusive access to technology. I look forward to seeing more companies bring China's smart city solutions, smart health solutions, green energy solutions, and other offerings to overseas markets, thereby enabling digital dividends to benefit a wider range of people worldwide.

This is exactly what I have always wanted to convey—narrowing the digital divide and sharing China's digital experience with the rest of the world.



Alliance in Action

Records the Global Digital Economy Cities Alliance's key progress this month, keeping members informed of the Alliance's overall operations as they happen

ALLIANCE IN ACTION



2026
09/09—09/13

2026 China International Fair for Trade in Services (CIFTIS 2026)

The Global Digital Economy Cities Alliance hosted the "Digital-Friendly Solutions Exhibition" as part of the 2026 China International Fair for Trade in Services (CIFTIS).

2026
09/09

2026 CIFTIS International Innovation Cooperation and Overseas Ecosystem Service Provider Matchmaking Conference

You Jing, Secretary-General of the Global Digital Economy Cities Alliance, delivered a keynote speech, systematically outlining new pathways for city cooperation, rules alignment, and scenario co-creation in the context of digital globalization.





2026
09/10

Press Conference for the "Digital-Friendly Solutions Exhibition" at CIFTIS 2026

You Jing, Secretary-General of the Global Digital Economy Cities Alliance, elaborated on global digital economy cooperation trends around the "digital-friendly" concept at the press conference, and introduced the alliance's key cooperation initiatives to be advanced next.

2026
09/12

Appointment Ceremony for "Digital-Friendly Solutions Experience Officers"

Shao Yuqi, a Chinese female high jumper, and director of the China News Center at China-Arab TV (Dubai), were formally appointed as "Digital-Friendly Solutions Experience Officers."



2026
09/14—09/16

2026 SCO Digital Economy Forum

Representatives of the Global Digital Economy Cities Alliance were invited to attend, engaging in in-depth exchanges with all parties on topics including digital-intelligent transformation, unlocking the value of data elements, and interconnectivity of digital infrastructure, further deepening cooperation with Central Asian and SCO countries in the digital industry.





2026
09/15

Global Digital Economy Cities Alliance and CAREC Institute Sign Memorandum of Understanding

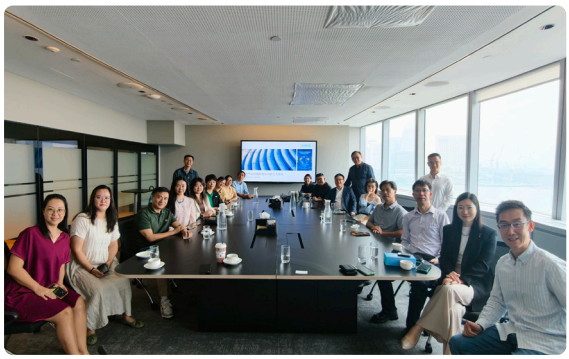
The two sides aim to establish a long-term strategic partnership to deepen regional economic cooperation, knowledge sharing, and talent development, and to drive the digital transformation and upgrading of CAREC member economies.

2026
09/19

The 29th Beijing-Taiwan Science and Technology Forum · AI + Green Development Forum

You Jing, Secretary-General of the Global Digital Economy Cities Alliance, presided over the event. Nearly 200 representatives from the industrial and academic circles of Beijing and Taipei participated in the activity, exchanging views on cooperation in such fields as artificial intelligence, green energy and low-carbon manufacturing.





2026
09/28

Special Seminar at the Singapore Office of the Global Digital Economy City Alliance

The “Enterprise Going Global and Localization Seminar” was held at the Singapore Office of the Global Digital Economy City Alliance. Organized by the Asian Academy of Digital Economy (AADE), the event brought together more than 20 entrepreneurs and professionals specializing in enterprise going-global services to jointly explore corporate internationalization and overseas-market localization practices.



Member Spotlight

Spotlights the monthly activities of member organizations of the Global Digital Economy Cities Alliance, showcasing how member enterprises made their mark and shared practical insights at summits, industry forums, technology exhibitions. Documents the shared journey of growth between partners and the Alliance.

Member Spotlight

奇安信

Qi An Xin Technology Group Inc.

During the 2026 China International Fair for Trade in Services (CIFTIS), Qi An Xin Technology Group and Beijing Data Group officially reached a strategic cooperation agreement, and jointly signed a strategic cooperation pact as one of 11 leading enterprises, spanning key areas such as data security, computing infrastructure, and artificial intelligence. Leveraging its strengths as a leader in cybersecurity, Qi An Xin Technology Group will engage in in-depth collaboration with Beijing Data Group across data security governance, secure circulation of data elements, trusted data spaces, and privacy computing. By building a solid "security foundation," the company aims to strengthen the industrial bedrock of empowering the real economy with data elements, supporting Beijing's development as a global benchmark city for the digital economy.



iSoftStone 软通动力

iSoftStone Information Technology(Group)Co.,Ltd.



Mr. Dong Ruiqiang, Head of ESG and Sustainable Development Business at iSoftStone Group, attended the AI + Green Development Forum of the 29th Beijing-Taiwan Science and Technology Forum and delivered a speech themed on "ESG + AI Empowering Green Transformation."

Meituan

At the "Digital-Friendly Solutions Exhibition" during the 2026 CIFTIS, Meituan made a major debut with the unveiling of LongCat-2.0 (Dragon Cat 2.0), a trillion-parameter open-source large model autonomously trained on a domestically developed ten-thousand-card-scale computing cluster, alongside the simultaneous launch of CatPaw, an all-scenario AI agent platform—together forming a complete AI technology system for lifestyle services. The booth showcased the full intelligent chain of AI-assisted ordering and the "Little Yellow Bee" robot autonomous delivery, deeply integrating AI into people's livelihood scenarios such as retail and instant delivery. Its digital and intelligent lifestyle service model has already been rolled out in overseas markets including Hong Kong, China, the Middle East, and Latin America.



HERE



Returning to the 2026 CIFTIS, HERE brought along its matrix of nine original IPs—including "WAKUKU," "SIINONO," and "YONNNA"—together with multiple cross-over innovation achievements.

Beijing Electronic Digital Intelligence Technology Co., Ltd.



At the press conference for the "Digital-Friendly Solutions Exhibition" of the 2026 CIFTIS, Mr. Zhao Hongyu, Vice President of bedicloud, shared the company's understanding and practices of "digital friendliness" centered on full-stack domestically produced AI. He also took part in the roundtable discussion at the AI + Green Development Forum of the 29th Beijing-Taiwan Science and Technology Forum, themed "Digital Intelligence and Green Energy · Beijing and Taiwan Moving Forward Together." Focusing on how digital intelligence and green energy mutually empower each other, the discussion delved into topics such as zero-carbon parks, factory agents, AI energy storage scheduling, the green-power threshold for computing, park self-balancing, mutual recognition of green electricity and carbon data, and entry points for Beijing-Taiwan cooperation—painting a clear picture of Beijing-Taiwan AI-enabled green development.

Beijing Timeloit Technology Co., Ltd.

Mr. Huang Fei, President of timeloit, participated in the roundtable discussion at the AI + Green Development Forum of the 29th Beijing-Taiwan Science and Technology Forum, themed "Digital Intelligence and Green Energy · Beijing and Taiwan Moving Forward Together." Focusing on how digital intelligence and green energy mutually empower each other, the discussion delved into topics such as zero-carbon parks, factory agents, AI energy storage scheduling, the green-power threshold for computing, park self-balancing, mutual recognition of green electricity and carbon data, and entry points for Beijing-Taiwan cooperation—painting a clear picture of Beijing-Taiwan AI-enabled green development.





City Spotlight

“City Frontiers” tracks digital–economy developments across member cities of the Global Digital Economy Cities Alliance. It examines digital foundations, industries, innovation, governance, resilience, global connectivity and resident experience to identify emerging trends and opportunities for city–to–city cooperation.

CITY SPOTLIGHT

BEIJING



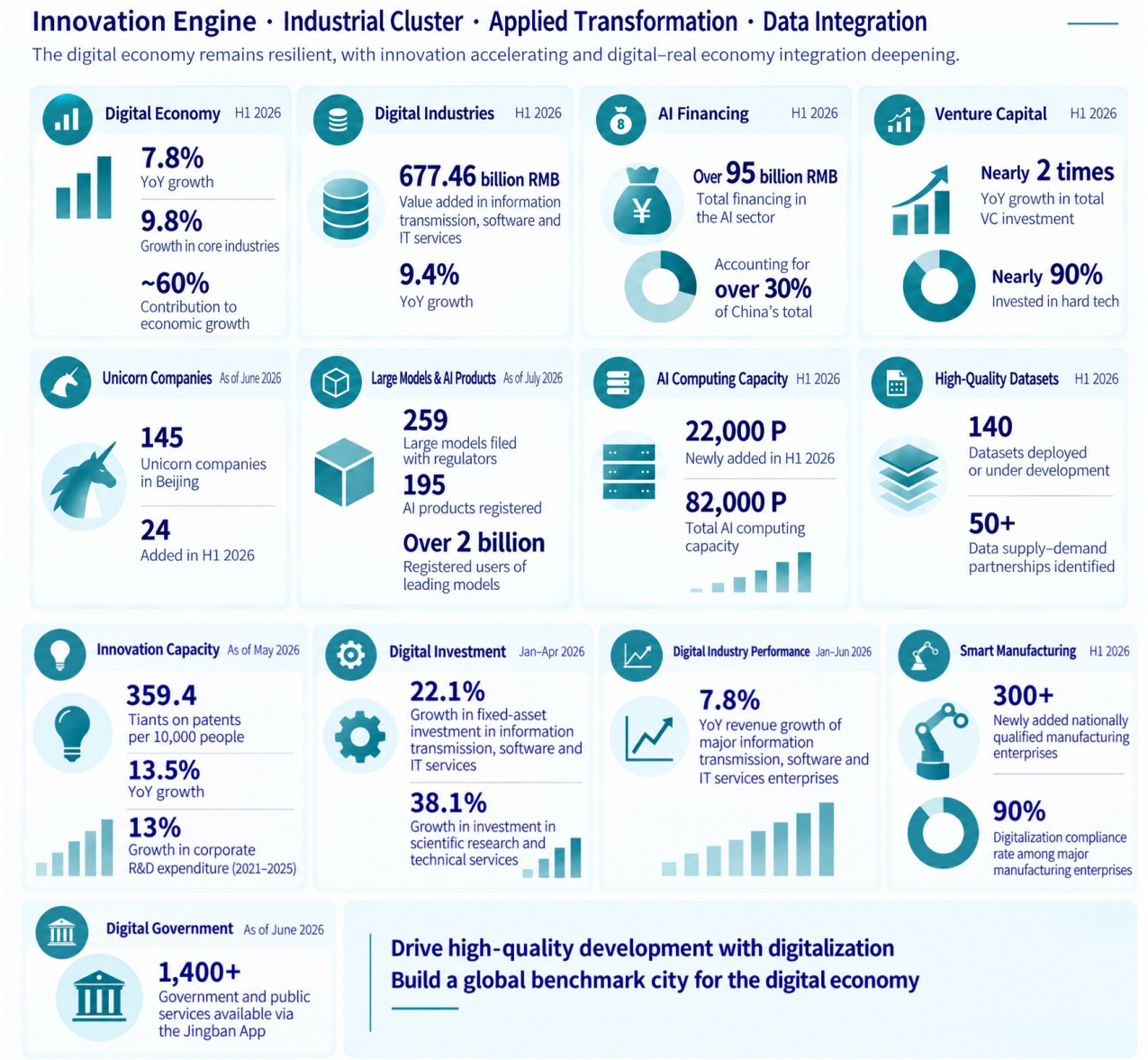
KEY MESSAGES

The digital economy is extending toward the intelligent economy. Beijing's 15th Five-Year Digital Economy Development Plan targets a digital-economy share of more than 50% of GDP by 2030 and prioritizes computing networks, the token economy, AI agents, embodied intelligence and intelligent terminals.

Urban solutions are moving from local validation toward international deployment. At CIFTIS 2026, 41 companies presented 35 deployable digital-friendly solutions, linking megacity use cases with solution integration and overseas promotion.

Data development is advancing toward trusted circulation. Beijing introduced rules for authorized public-data operations and launched the Urban Trusted Data Space, strengthening links among data, computing, models and industry applications.

KEY DATA



URBAN INNOVATION

Using megacity scenarios as an AI testbed

Beijing uses application scenarios to connect innovation with commercialization. A 2026 citywide program covers 18 fields across the digital economy, governance, public services, domestic demand and urban security, encouraging government agencies, state-owned enterprises and leading firms to open space, data and computing resources. In Beijing E-Town, embodied-intelligence applications are being tested across manufacturing, healthcare, retail and municipal services, turning urban scenarios into resources for training, validation and scaling.

Integrating computing, data, models and scenarios

Beijing is moving beyond individual infrastructure expansion toward coordinated AI capabilities. Intelligent computing capacity reached 82,000 P in H1 2026, while regional projects strengthened access to computing resources across Beijing–Tianjin–Hebei–Inner Mongolia. High-quality datasets, filed models and token infrastructure are increasingly being developed as an integrated foundation for AI training, inference and deployment.

Moving from online government toward intelligent services

The Jingtong app integrates more than 1,400 government and public services and introduces the “Jingjing” AI agent for natural-language search, consultation and transactions. Digital-government development is increasingly focused on service efficiency, cross-department coordination and user experience rather than simply expanding online access.

Building market-based mechanisms for data utilization

Beijing combines public rules with platform-based operations. Beijing Data Group, the Beijing International Big Data Exchange and the Urban Trusted Data Space support authorized operations, data products, circulation and ecosystem development. By September, the city’s data circulation network had connected more than 3,000 market participants and released over 2,000 data products.

Turning local experience into replicable solutions

Beijing is linking megacity validation with international city networks. CIFTIS showcased digital solutions across manufacturing, governance and healthcare, while the Global Digital Economy Conference connected more than 30 international organizations, 40 cities and 112 business associations. The city is increasingly functioning as both a testbed and an international cooperation platform.

OUTLOOK

Beijing is moving from digital-economy expansion toward system-level intelligent-economy capabilities. The next phase will depend on how effectively computing, data, models and scenarios can be converted into scalable applications, replicable solutions and sustainable governance capacity.

CITY SPOTLIGHT

SAN FRANCISCO



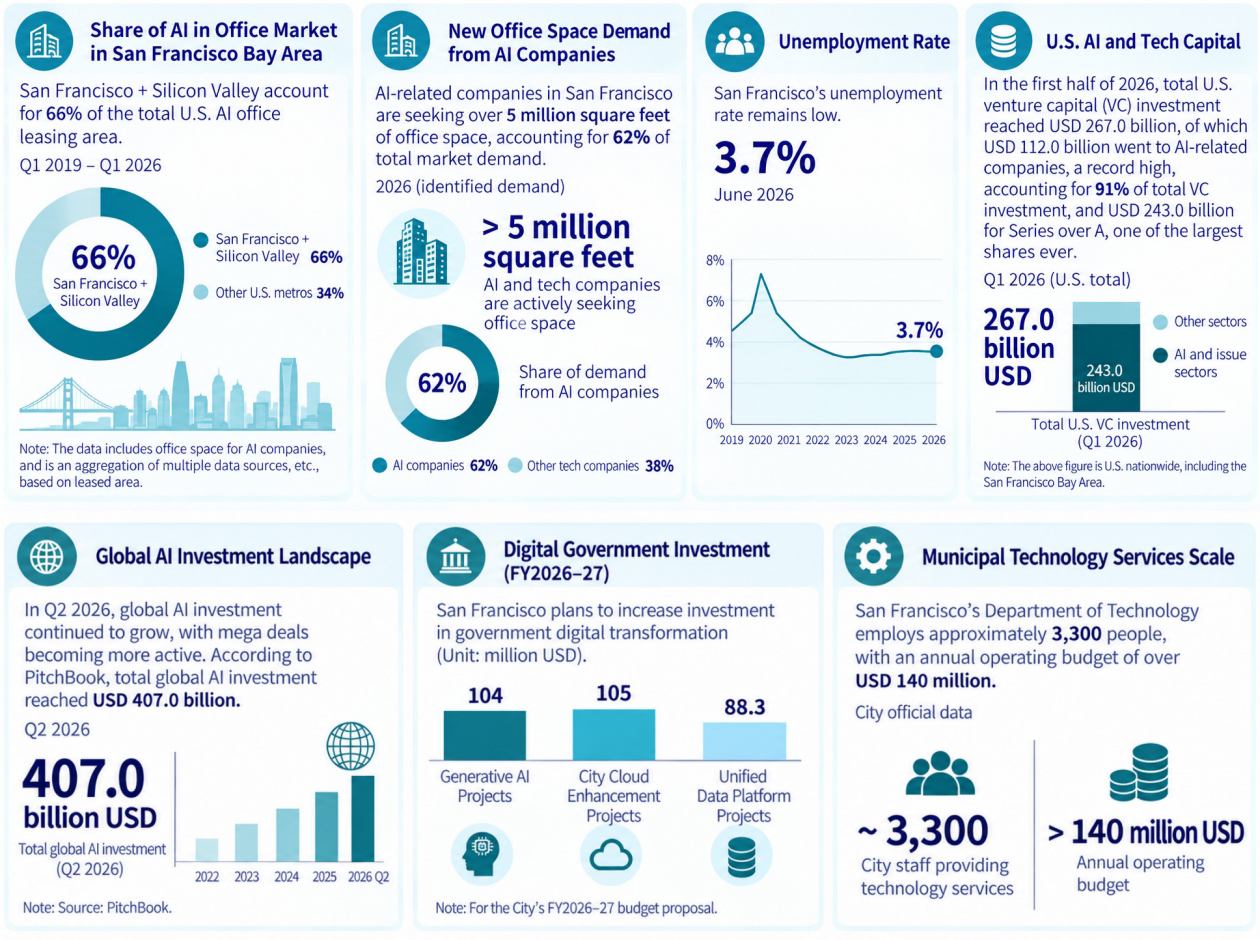
KEY MESSAGES

AI firms are becoming more deeply embedded in the urban economy. Databricks committed USD 1 billion in local investment over three years, while the city is exploring new forms of collaboration with leading AI companies.

Digital government is moving toward citywide AI governance. San Francisco plans a unified AI strategy, AI Workspace and experimentation framework, building on generative-AI access already provided to around 30,000 municipal employees.

Technology events continue to reinforce global connectivity. Dreamforce and other conferences connect firms, capital, talent and professional networks, strengthening the city's role as a global AI exchange node.

KEY DATA



URBAN INNOVATION

Concentrating firms, capital and talent

San Francisco's AI ecosystem relies on dense interaction among startups, investors, talent and professional services rather than centralized industrial parks. Capital continues to concentrate in frontier applications: Cognition raised USD 2 billion in September at a USD 48 billion valuation. This density supports rapid financing, recruitment, product iteration and new venture creation.

AI is reshaping downtown geography

AI firms are absorbing office space released by earlier technology sectors. Cognition took approximately 180,000 sq ft of former Cruise space, while AI concentration is becoming more visible across SoMa, Mission Bay and Showplace Square. Rising housing costs show that AI growth is increasingly linked to broader questions of urban capacity and inclusion.

Global events function as innovation infrastructure

Dreamforce brings together companies, developers, investors and customers, combining technology exchange with capital, talent and business networks. Databricks' commitment to keep its Data + AI Summit in San Francisco through at least 2030 further illustrates how corporate presence and global events reinforce one another.

Digital government is shifting toward shared infrastructure.

PermitSF is replacing more than 30 fragmented permitting systems with a unified platform. The city is also advancing a Unified Data Platform, Cloud 2030 and common technology architecture to improve interoperability and cross-department coordination.

AI governance is moving toward a test–evaluate–scale model

San Francisco is developing shared AI tools, controlled experimentation and common requirements for privacy, fairness, transparency and risk management. This creates an institutional pathway from departmental pilots to evaluated, governed and scalable deployment.

OUTLOOK

San Francisco is evolving from an internet and software center toward an AI-centered urban innovation system. Its next phase will depend not only on maintaining concentrations of firms, capital and talent, but also on aligning AI growth with urban capacity, responsible governance and inclusive development.



Enterprise Innovations

Showcases the digital solutions, key technological breakthroughs and real-world implementation cases of member enterprises of the Global Digital Economy Cities Alliance, presenting from multiple angles—technology application, business models and value creation—how enterprises drive transformation through digital intelligence, and building a window for peer-to-peer learning among enterprises

Enterprise Innovations

词元无限 Tokens Infinity

Beijing Token Infinity Technology Co., Ltd.



Figure 1: Token Infinity's Sovereign Agent digital-workforce system debuts at CIFTIS 2026

Tokens Infinity is a dedicated provider of enterprise-grade AI Agent infrastructure, committed to transforming the capabilities of large models into a “digital workforce” that enterprises can deploy at scale, use continuously, and manage effectively. The company was founded by Yang Ping, former head of the AI department at ByteDance; its co-founder and CTO, Wang Wei, is an alumnus of the Yao Class (the elite computer science program founded by Turing Award laureate Andrew Yao) at Tsinghua University. The team comes from companies such as ByteDance, Baidu, and Microsoft, as well as universities including Tsinghua and Beihang. Within its first year, the company completed multiple rounds of financing totaling several hundred million RMB and obtained international system certifications including ISO/IEC 27001, ISO/IEC 20000-1, and ISO 9001.

Products and Solutions: Building an Enterprise-Grade AI Agent System That Enters Enterprises’ Production Workflows.

Tokens Infinity targets a common challenge in enterprise AI adoption: large models can “complete tasks” but struggle to “work at scale and responsibly.” In highly sensitive industries such as finance and large software enterprises,

code, data, and knowledge are subject to strict boundaries; legacy system architectures have complex dependencies; business rules are embedded in code and processes; and model-generated results must still pass engineering validation such as review, testing, and release. When deployed at scale, efficiency, quality, cost, and risk must also be measured in a unified way. This means what enterprises need is not a single-point AI tool, but an agent system that can enter existing production workflows, accept enterprise governance, and evolve continuously. Tokens Infinity starts from the high-complexity scenario of software R&D, transforming the information assets that enterprises have accumulated over years—code repositories, knowledge bases, R&D processes, and business rules—into productivity that agents can understand, collaborate on, and operate.

Core Innovations and Implementation Outcomes: Reconstructing Software R&D with the “Digital Workforce”

Distinct from AI coding tools that merely “help engineers write code,” Tokens Infinity reconstructs software R&D with its “digital workforce,” building a collaborative “agent team”: the code-understanding platform DeepMap maps the architecture and business logic of large codebases; the R&D agent InfCode handles coding, refactoring, and repository-level tasks; the review agent InfReview examines code quality and security risks; the testing agent InfTest performs test analysis and execution; and the organizational hub InfOne provides unified orchestration, process management, and result acceptance for the agents. The underlying enterprise-grade governance foundation offers capabilities such as access control, data isolation, process auditing, and cost accounting, making the digital workforce as manageable, measurable, and auditable as a regular employee, and avoiding the situation of “many pilots but hard-to-assess value.” To date, Tokens Infinity’s solutions have been deployed in industries including finance, large software, media, healthcare, and rail transit. InfCode set a new world record on SWE-Bench Verified with a Pass@1 of 79.4%; the financial core R&D practice was selected as an “AI4SE Silver Bullet Excellent Case” by the China Academy of Information and Communications Technology (CAICT); and the company is planning requirement and operations-maintenance agents to cover the full software R&D lifecycle.

Enterprise Innovations

From Auxiliary Tool to Digital Workforce The Enterprise Implementation Logic and Practice of Sovereign Agents

On September 13, the 2026 China International Fair for Trade in Services (CIFTIS) concluded at the Shougang Park in Beijing. During the event, Beijing Token Infinity Technology Co., Ltd. ("Token Infinity"), a dedicated provider of enterprise-grade AI Agent infrastructure, showcased its Sovereign Agent digital-workforce system at the "Beijing Solutions Exhibition," and shared its practices in financial core R&D scenarios at the 8th China Financial Technology Exchange Conference. Enterprises' focus on artificial intelligence is shifting from "whether models can generate content" to "whether agents can safely, stably, and continuously complete tasks in real production environments."

FROM INTELLIGENT ASSISTANT TO PRODUCTION SYSTEM

After general large models enter enterprises, the first applications are typically Q&A, retrieval, and code completion. However, when AI participates further in core R&D, enterprises face challenges that go beyond model capability. Code, data, and knowledge in highly sensitive industries such as finance are subject to strict boundaries; legacy systems built over years have complex architectural dependencies, with business rules embedded in code and processes; model-generated results must still pass review, testing, and release validation; and as the scope of application expands, efficiency, quality, cost, and risk must also be measured in a unified way.

WHAT IS A SOVEREIGN AGENT

This means that what enterprises need is not a generic agent detached from their management system, but a digital-workforce system that can integrate into existing production processes, accept enterprise governance, and evolve continuously.

The "Sovereign Agent" proposed by Token Infinity emphasizes that enterprises maintain continuous control over the agent's capability boundaries, data boundaries, and evolution path. Here, "sovereignty" is not simply equivalent to

local deployment, nor does it mean isolating the agent from the external technology ecosystem. Rather, it requires enterprises to autonomously select and govern models, define access permissions for data and knowledge, control the scope of task execution, verify every critical delivery, and distill operational feedback into their own reusable capabilities.

Therefore, a Sovereign Agent should possess three fundamental characteristics: full autonomy—understanding goals, decomposing tasks, and coordinating tools to complete work within the scope of enterprise authorization and governance; high security—deployment, access, execution, and auditing all comply with enterprise policies; and self-evolution—the ability to continuously optimize based on business knowledge, delivery results, and human feedback. Together, these three determine whether AI can move from "being able to answer" to "being able to responsibly complete tasks."

HOW A SOVEREIGN AGENT OPERATES

Token Infinity summarizes its technical approach as "connectable, comprehensible, collaborative, verifiable, and operable." These five capabilities form a closed loop from resources to results.

"Connectable" addresses the connection between model resources and the enterprise environment. Through TokenHub, a model resource governance platform, enterprises can use different models under a unified management framework and configure invocation boundaries in line with security and business requirements.

"Comprehensible" addresses the lack of enterprise context in general models. DeepMap, a code-understanding platform, targets complex software assets, mapping system architecture, code dependencies, and business knowledge to provide agents with the context needed to complete tasks.

"Collaborative" emphasizes role-based agents dividing work around the R&D process. The R&D agent InfCode, testing agent InfTest, and review agent InfReview participate in coding, testing, and review respectively, ensuring tasks do not stop at one-time generation but enter an engineering workflow of mutual verification.

"Verifiable" requires outputs to pass review, testing, release, and other validation stages, while retaining process and quality evidence so that results are traceable and re-checkable. "Operable" brings efficiency, quality, cost, and risk into continuous monitoring, helping enterprises assess application effectiveness and optimize model, knowledge, and process configurations accordingly.



Figure 2: The Sovereign Agent forms a closed loop from model resources to delivery results through its five capabilities

SOLVING FOUR KEY CHALLENGES OF ENTERPRISE-GRADE AI

This mechanism first solves the secure-implementation problem: sensitive code and data remain within clear management boundaries, and access and operations can be constrained and audited.

Second, it solves the business-understanding problem: agents do not rely solely on general knowledge, but work in combination with the enterprise's own system relationships and business rules.

Third, it solves the trustworthy-delivery problem: generated results must enter the engineering-validation chain rather than directly becoming production outcomes.

Fourth, it solves the scaled-operation problem: enterprises can manage the digital workforce with measurable delivery metrics, avoiding a situation where there are many pilots but value is hard to assess.

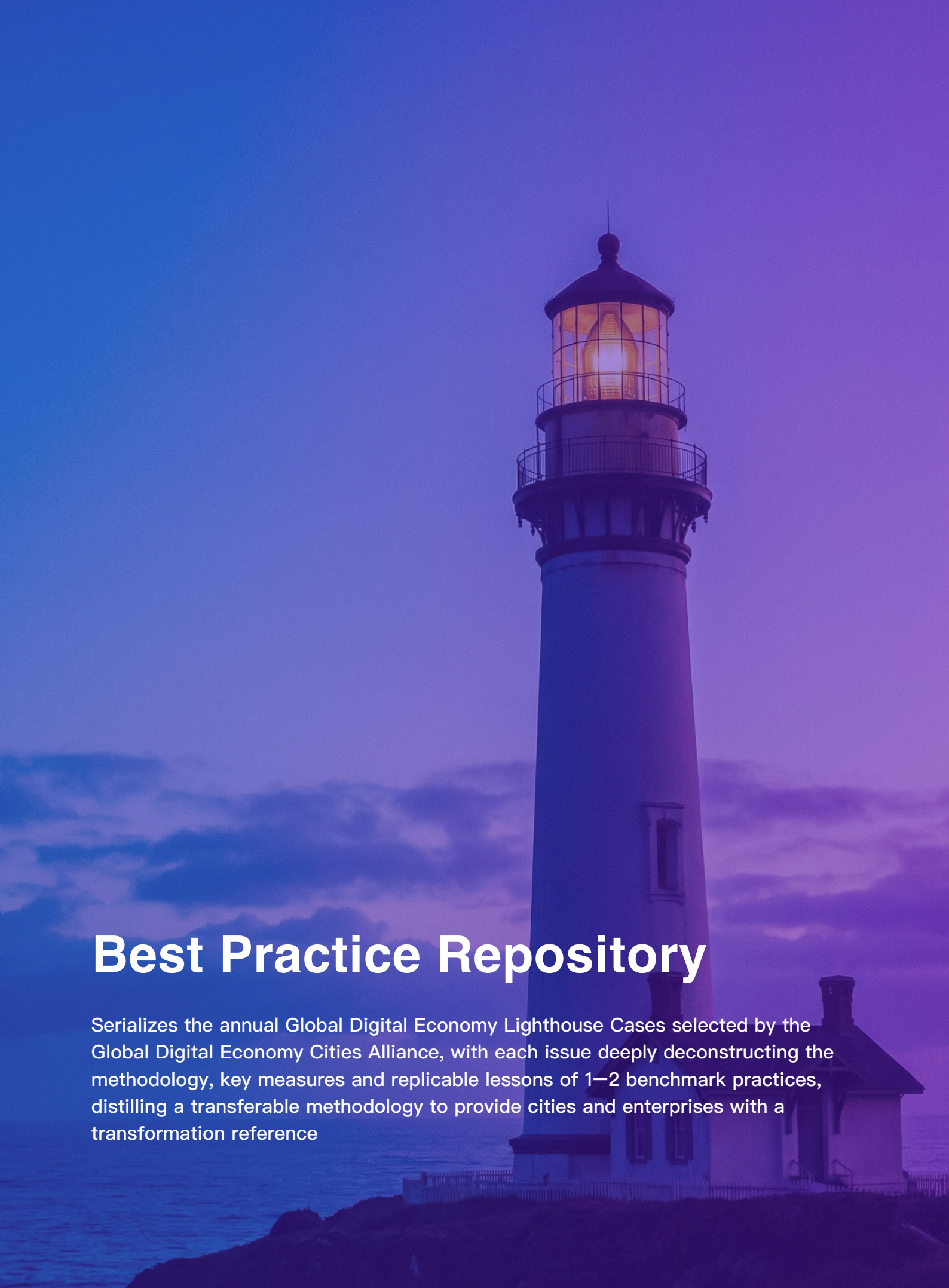
FROM FINANCIAL R&D PRACTICE TO REPLICABLE SOLUTIONS

To date, the relevant solutions have been deployed in industries such as finance, large software enterprises, media, healthcare, and rail transit. In financial scenarios, Sovereign Agents have been used for core system R&D

and the accumulation of R&D knowledge. InfCode, independently developed by Token Infinity, achieved a Pass@1 score of 79.4% on the SWE-Bench Verified benchmark; the financial core R&D practice was also selected as an “AI4SE Silver Bullet Excellent Case” by the China Academy of Information and Communications Technology (CAICT). These results validate the technical approach from the perspectives of general software engineering capability and industrial practice, respectively.

During CIFTIS, Token Infinity also signed the “Digital-Friendly Solutions Going-Global Cooperation” project with the Beijing Digital Economy Enterprises Going-Global Innovation Service Base, joining Beijing’s digital going-global service system. For enterprises requiring cross-regional and cross-organizational deployment, the controllable boundaries, auditable processes, and operable capabilities emphasized by the Sovereign Agent also form an important foundation for adapting technological solutions to different markets.

The next phase of enterprise-grade AI is not merely about making models more powerful, but about enabling agents to truly undrstand the enterprise, integrate into processes, deliver results, and accept governance. The Sovereign Agent provides an implementation path from model capability to organizational productivity: incorporating AI into a system that the enterprise can control, verify, and continuously optimize, thereby forming a digital innovation capability that can be replicated at scale.



Best Practice Repository

Serializes the annual Global Digital Economy Lighthouse Cases selected by the Global Digital Economy Cities Alliance, with each issue deeply deconstructing the methodology, key measures and replicable lessons of 1–2 benchmark practices, distilling a transferable methodology to provide cities and enterprises with a transformation reference

BEST PRACTICE REPOSITORY

Global Digital Economy Lighthouse Cases Program

Against the backdrop of a rapidly growing global digital economy that nonetheless faces challenges such as the digital divide and data security, the Global Digital Economy Lighthouse Cases program was jointly initiated by the International Telecommunication Union (ITU), the International Trade Centre (ITC), and the Global Digital Economy Cities Alliance (DEC40). In 2026, the project selected 13 "Global Digital Economy Lighthouse Cases" from 308 valid applications submitted across six continents and more than 60 countries, covering six areas: collaborative governance of digital cities, inclusive digital public services, climate-resilient urban infrastructure, digital empowerment for livelihoods and income growth, low-carbon smart mobility, and digital inclusion services for vulnerable groups. The cases systematically showcase replicable experience in which digital technology drives inclusive and sustainable development, contributing a measurable and scalable practical guide for building digitally friendly cities worldwide.

Project Objectives

Identify and promote benchmark cases to provide practical models and best practices.

Build an international exchange platform to facilitate cross-border cooperation.

Empower global development efforts and contribute to bridging the digital divide.

CASE 01

Digital Urban Governance — Administrative Efficiency

"Jingban" Smart Government Collaborative Office Platform



CASE OVERVIEW

Jingban is jointly built by the Beijing Big Data Center and JD Technology. As a unified foundational collaborative office platform tailored for government affiliated work scenarios, it serves as the unified entry point for municipal government office applications in Beijing. It consolidates fragmented office systems across Beijing's 16 plus one districts and 114 municipal level entities into a collaborative governance foundation covering four tiers: municipal, district, sub district/township, and community/village. The platform covers all government staff in Beijing, integrating over 700 government applications. It processes more than 140 million messages weekly with an overall daily active user rate exceeding 50%. Supporting scenarios including government office operations, primary level governance, urban emergency response and major event assurance in Beijing, it has run stably for over four years with zero security incidents. It has delivered support for 29 major events such as the Beijing Winter Olympics and the Two Sessions, attesting to the collaborative resilience of the digital government foundation for a megacity under high pressure and high concurrency conditions. Its scenarios have now been

replicated for multiple cities and relevant institutions across China, making it a representative replicable model for digital government development applicable to other cities and large scale organizations.

KEY HIGHLIGHTS

A benchmark lighthouse for digital government operation in megacities. Instead of fragmented departmental construction, Jingban builds a unified digital backbone and validates system maturity through long-term high-frequency real-world usage rather than one-off acceptance checks. Its core strength lies in fivedimensional verification: full population coverage, full business coverage, high daily activity, major-event operational support and zero cybersecurity incidents, offering a replicable blueprint for large metropolitangovernance.



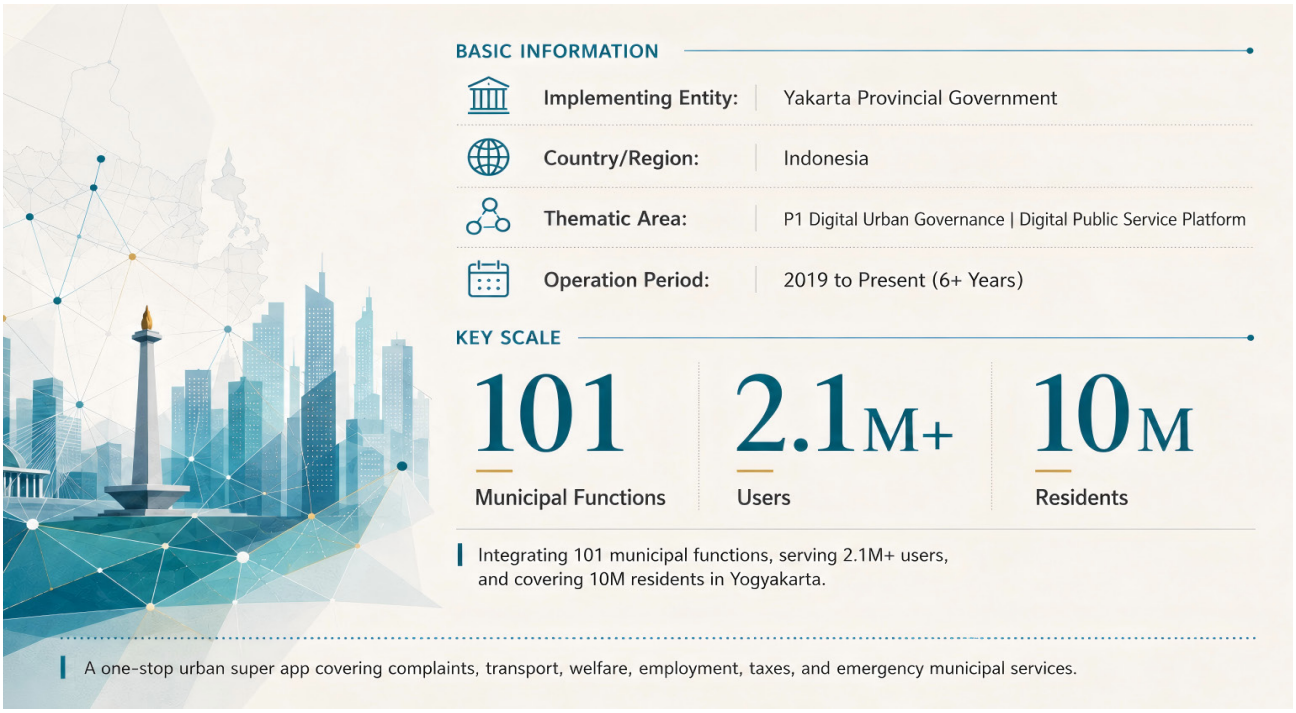
SUITABILITY

Designed for megacities and provincial-level regions with multi-layer administrative structures and heavy.cross-department coordination needs. Prioritise deployment where a government cloud and interdepartment coordination mechanisms already exist. For regions with low system standardisation, start with unified identity authentication and instant communication modules.

CASE 02

Digital Urban Governance — Digital Public Service Platform

JAKI Jakarta Super App: Real-time Citizen Complaint Tracking and Integrated Urban Public Services



CASE OVERVIEW

Launched by the Jakarta Provincial Government in 2019, JAKI is a one-stop digital government super app built on a microservices architecture that integrates 101 municipal services, including citizen complaints, public transport, social welfare, employment services, tax payments, and emergency management. Designed to serve Jakarta's 11 million residents, the platform has surpassed 7 million downloads and records 12,292 daily active users. JAKI has improved public service efficiency by reducing complaint submission times from one day to just 2–3 minutes while consolidating 13 separate service channels into a single platform. In 2024, it processed 185,852 citizen reports with a 96.8% resolution rate; in 2025, the volume increased to 195,988 cases, with the resolution rate improving to 97.8%. Beyond operational efficiency, JAKI has pioneered a data-driven approach to digital inclusion by transforming regional disparities in digital participation into publicly accountable governance indicators—for example, measuring digital engagement ranging from 27.91%

in South Jakarta to 0.03% in the Thousand Islands. This shifts digital inclusion from an aspirational goal to a measurable policy objective. Supported by adaptive user interfaces tailored to different user roles and fully funded through the government budget, the platform has demonstrated long-term operational sustainability. JAKI has already been successfully replicated across six regions and institutions, including Tangerang, West Sumatra, the Indonesian Ministry of Education, and Lampung Province, providing a practical governance model for large cities in developing economies seeking to eliminate administrative silos, advance digital inclusion, and strengthen end-to-end public service delivery.



KEY HIGHLIGHTS

A lighthouse model for low cost digital government transformation in megacities of developing economies with limited fiscal resources. It substitutes governance resolve for top tier resources, and prioritizes institutions ahead of technology, demonstrating that developing economies can achieve integrated government services without wholesale system overhaul. Its core insight is that the bottleneck in digital government development often lies not in technical capacity, but in institutional resolve.

SUITABILITY

Ideal for megacities and provincial governments in low- and middle-income countries with fragmented standalone digital systems. Works best where local authorities can issue binding open-data regulations. Budget-limited administrations may launch pilots covering 2–3 high-priority departments first.

ALLIANCE CALENDAR

9.28 – 10.1 MON–THU

Visit to Dushanbe, Tajikistan and Astana, Kazakhstan

- The Investment and State Property Management Committee of the Republic of Tajikistan and the Global Digital Economy Cities Alliance signed a Memorandum of Understanding (MoU).
- Participated in the "Digital Bridge" International Science and Technology Forum,showcasing the Alliance's work and digital-friendly solutions.

10.5 – 10.8 MON–THU

Visit to Seoul, Republic of Korea

- International Digital Economy Governance and Leadership Capacity Building Programme (Seoul Chapter)
- The Seoul AI Foundation and the Global Digital Economy Cities Alliance signed a Memorandum of Understanding (MoU).
- Attended and spoke at the Global Chief Digital Officer (CDO) Forum.

10.28 WED

2026 UNITED CITIES AND LOCAL GOVERNMENTS ASIA PACIFIC COUNCIL MEETING

- Attended the United Cities and Local Government Asia Pacific Urban Development Dialogue and delivered a keynote speech

11.4 WED

The 29th Beijing Hong Kong Economic Cooperation Symposium

- Launch of the Beijing-Hong Kong Digital Economy "One-Stop Gateway" Service Platform.
- Kick-off of the physical operation of the Beijing-Hong Kong AI Application Accelerator.
- Admission of Beijing-Hong Kong institutions into the Global Digital Economy Cities Alliance.

11.5 THU

2026 Chinese Enterprises Going Global Summit

- Attend and deliver a speech

11 NOV

Global Digital Economy Cities Alliance Council Meeting

DEC40

Global Digital Economy Cities Alliance

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